

MICROLEPIDOPTERA RECORDED FROM SOUTH WALES IN 1995, INCLUDING FOUR SPECIES NEW TO WALES

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DURING THE SUMMER of 1995, Darren Mann and I were contracted by the Zoology Department of the National Museums and Galleries of Wales to collect material for their entomological collections. Around 30 sites in South Wales were visited between June and October, and each site was visited at least twice during this period. Unfortunately since it was necessary to collect material from all orders, it was impossible to concentrate on any one group. Also, we were able to go light trapping only four times. Since this is generally accepted as the main method for collecting Lepidoptera, it easily accounts for the low number of Microlepidoptera recorded, which is just over 150 to date.

A provisional list of the Microlepidoptera resulting from this field work was forwarded to David Agassiz for comment, who in turn passed it on to Maitland Emmet, who stated (*pers. comm.*) that four of the species listed were new to Wales, and that over 30 of the species listed from Glamorgan (VC41) had not previously been recorded from that vice-county. However, since this list was initiated, records from earlier this century have come to light, indicating that although unpublished, many of the species added to the Glamorgan list were known to occur in the area by Hallett (1918, and his notes).

Some records from a malaise trap survey at Kenfig NNR in 1993 have also been included.

Species of particular interest:

Phyllonorycter saportella (Duponchel) (Gracilariidae)

Provisional second Welsh record. This species was previously recorded in Wales from Denbighshire (VC50) by J.S. Ashworth (1855). It is an oak feeder, but my specimen was taken at light. I will be much happier with the record once the larval mines have been located, especially since there are very few oak trees at Kenfig.

Coleophora trifolii (Curtis) (Coleophoridae)

New to Wales. This species is recorded from every adjacent English county, as well as from the Isle of Man, and five Irish counties. It has presumably been overlooked in Wales. It occurs on dry pastures and waste-ground, where the foodplant Melilot *Melilotus* occurs.

Blastobasis decolorella (Wollaston) (Blastobasidae)

New to Wales. Since this species feeds in leaf-litter, has no specific habitat requirements and is extending its range, I would expect to find it throughout the region.

Aethes dilucidana (Stephens) (Tortricidae)

New to Wales. This species inhabits calcareous soils, feeding on Wild Parsnip, *Pastinaca* and Hogweed, *Heracleum*. There is no obvious reason for it not to occur at other similar sites in South Wales.

Eucosma tripoliana (Barrett) (Tortricidae)

New to Wales. Although mainly restricted to the southern and eastern coasts of England, it has been recorded from across the Bristol Channel in Somerset. It is a saltmarsh species feeding on sea aster, *Aster tripolium*.

Species not covered by any easily obtainable publication were either identified by comparison with the museum's collection (eg *Aristotelia ericinella* (Zeller) (Gelechiidae)), or were passed on to David Agassiz who kindly identified them for me (or at least pointed me in the right direction). Material is still being processed, and the list could double when some of the more difficult species have been identified.

The following list represents all the species of microlepidoptera from the 1995 season identified to date. Species new to Wales are printed in bold type. To save space, each site has been given a number code, as represented in the following table.

Glamorgan (VC41)

Site Number	Site Name and Status	10km Grid Reference	Habitat
1	Aberthaw Leys SSSI	ST06	Saltmarsh, coastal shingle, pool.
2	Atlantic Great Wharf SSSI	ST27	Coastal grazing marsh, fen, ditches.
3	Crymlyn Bog NNR	SS69	Lowland fen, carr.
4	Crymly Burrows SSSI	SS79	Coastal dune, slacks and scrub woodland.
5	Hawordian LNR	ST17	Damp grassland, marsh and secondary woodland.
6	Kenfig NNR	SS78	An extensive dune system, including good slacks with temporary pools, and a large permanent pool.
7	Merthyr-mawr Warren	SS87	Calcareous dunes, saltmarsh, woodland.
8	Michealston Marsh	ST17	Secondary oak/ash woodland, marsh and pool. The river Ely forms part of the site boundary.
9	Oxwich Bay NNR	SS58	Dunes, woodland, saltmarsh.
10	Plymouth Great Wood	ST17	Mixed woodland.
11	Tydu Marsh	ST17	Marshland and secondary woodland.
12	Tidal sidings	ST17	Scrubland.
13	Waterhall Plantation	ST17	Secondary woodland, grassland and marsh.

Monmouthshire (VC35)

Site Number	Site Name and Status	10km Grid Reference	Habitat
1	Bargain Woods	SO50	Plantation woodland.
2	Cwm Merddog LNR	SO10	Open woodland, interspersed with wet flushes and open meadow.
3	Gellyrhydd Farm (nr Crickhowell)	SO21	Unimproved pastures, alongside a tributary of the river Usk.
4	Magor Marsh LNR, SSSI	ST48	The last remnant fenland on the Gwent Levels. Contains areas of ponds, ditches, reedbeds and willow carr.
5	Peterson Great Wharf	ST27	Coastal grazing marsh, fen, ditches.
6	Wyndcliff (Wye Valley)	ST59	Broadleaved woodland, including small-leaved lime.

Brecknock (VC42)

Site Number	Site Name and Status	10km Grid Reference	Habitat
1	Cae Bryntywarch LNR	SN82	Damp unimproved herb-rich pasture with a dry bank and wet flushes.
2	Coad Dyrysiog LNR	SN93	A mixed broadleaved woodland on a steep bank of red sandstone. Some wet flushes.
3	Daudraeth Illtud LNR	SN92	Moorland, including a collection of pools and peat-filled hollows. Part of the site has blanket bog vegetation, with many flushes and a basin fen.
4	Pont-nedd-fechan LNR	SN80	Upland birchwood
5	Vicarage Meadows LNR	SN85	Permanent pastures, including both dry and damp meadows.

The following format is used to present the records:

0464 *Plutella xylostella* (Linnaeus) VC35 2(viii), VC41 3(vii),
6(vii, m.v.), 13(vii, m.v.)

Explanation

0464 = Bradley and Fletcher (1979) number.

Plutella xylostella (Linnaeus) = species name and author.

VC35 2(viii) = vice-county, site number and (month).

VC35 = vice-county of Monmouthshire (Site number 2 = Cwm Merddog, SO10, taken in August)

VC41 = Glamorgan sites; 3 = Crymlyn Bog; 6 = Kenfig NNR; 13 = Waterhall Plantation. All from July, with the Kenfig and Waterhall Plantation specimens taken at m.v. light.

Voucher material is held at the NMW, Cathays Park, Cardiff, under the accession number, NMW.Z.1995.033.

I would greatly appreciate any records of Microlepidoptera from the vice-county of Glamorgan for inclusion in a forthcoming review of the county fauna.

Nepticulidae

- 0019 *Bohemannia quadrimaculella* (Boheman) VC41 6(vii, m.v.)

Tischeriidae

- 0125 *Emmetia marginea* (Haworth) VC41 6(ix)

Incurvariidae

- 0130 *Incurvaria masculella*
([Denis & Schiffermüller]) VC41 6(vii)

Tineidae

- 0219 *Nemapogon ruricolella* (Stainton) VC41 13(vii)

Gracillariidae

- 0286 *Caloptilia alchimiella* (Scopoli) VC41 13(vii, m.v.)
0288 *C. stigmatella* (Fabricius) VC41 6(vii, m.v.)
0297 *Calybites auroguttella* (Stephens) VC41 6(vii)
0319? *Phyllonorycter saportella* (Duponchel) VC41 6(vii, m.v.)

Choreutidae

- 0385 *Anthophila fabriciana* (Linnaeus) VC41 6(vii), VC42 2(viii)

Glyphipterigidae

- 0396 *Glyphipterix fuscoviridella* (Haworth) VC41 7(v)
0397 *G. thrasonella* (Scopoli) VC35 3(vi), VC41 11(vi)
0470 *Orthotelia sparganella* (Thunberg) VC41 6(vii, m.v.),
8(vii, m.v.), 13(vii, m.v.)

Yponomeutidae

- 0410 *Argyresthia brockeella* (Linnaeus) VC41 3(vii), 8(vi),
13(vii, m.v.)
0411 *A. goedartella* (Hübner) VC41 6(vii, m.v.)
0424 *Yponomeuta evonymella* (Linnaeus) VC41 13(vii, m.v.)
0425 *Y. padella* (Linnaeus) VC41 6(vii, m.v.)
0428 *Y. rorrella* (Hübner) VC41 6(vii, m.v.)
0449 *Prays fraxinella* (Bjerkander) VC35 6(vi)
0455 *Ypsolopha scabrella* (Linnaeus) VC41 8(vii, m.v.)
0460 *Y. parenthesella* (Linnaeus) VC35 2(viii), VC42 1(viii)
0461 *Y. ustella* (Clerck) VC42 2(viii)
0464 *Plutella xylostella* (Linnaeus) VC35 2(viii), VC41 3(vii),
6(vii, m.v.), 13(vii, m.v.)

Schreckensteiniidae

- 0485 *Schreckensteinia festaliella* (Hübner) VC41 3(vii)

Coleophoridae

0490	<i>Coleophora lutipennella</i> (Zeller)	VC41 6(vii), 13(vii)
0492	<i>C. flavipennella</i> (Duponchel)	VC41 13(vii)
0493	<i>C. serratella</i> (Linnaeus)	VC41 6(vii)
0504	<i>Coleophora lusciniapennella</i> (Treitschke) = <i>viminetella</i> Zeller	VC41 4(ix, larvae)
0510	<i>C. juncicolella</i> Stainton	VC41 3(vii)
0512	<i>C. binderella</i> (Kollar)	VC41 6(vii, m.v.)
0516	<i>C. trifolii</i> (Curtis)	VC41 1(vii)
0518	<i>C. mayrella</i> (Hübner)	VC41 6(vii)
0519	<i>C. deauratella</i> Lienig & Zeller	VC41 6(vii)
0530	<i>C. lixella</i> Zeller	VC41 6(vii, m.v.)
0547	<i>C. discordella</i> Zeller	VC41 6(vii)
0563	<i>C. argentula</i> (Stephens)	VC41 12(x, larvae)
0573	<i>C. atriplicis</i> Meyrick	VC41 1(vii)
0582	<i>C. glaucicolella</i> Wood	VC41 6(vii)
0583	<i>C. tamesis</i> Waters	VC41 3(vii), 6(vii, m.v.)
0587	<i>C. caespitiella</i> Zeller	VC41 2(vi)

Elachistidae

0609	<i>Elachista monosemiella</i> Rössler = <i>cerusella</i> (Hübner)	VC41 6(vii-viii, 1993, Malaise), 8(vii, m.v.), 13(vii, m.v.)
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Oecophoridae

0658	<i>Carcina quercana</i> (Fabricius)	VC41 3(vii, m.v.), 6(vii, m.v.)
0701	<i>Agonopterix ocellana</i> (Fabricius)	VC41 3(ix)

Gelechiidae

0726	<i>Metzneria metzneriella</i> (Stainton)	VC41 6(vii, m.v.), 13(vii, m.v.)
0731	<i>Eulamprotes atrella</i> ([Denis & Schiffermüller])	VC41 6(vii)
0733	<i>E. wilkella</i> (Linnaeus)	VC41 6(viii-ix), 1993, Malaise)
0752	<i>Aristotelia ericinella</i> (Zeller)	VC41 3(vii)
0779	<i>Bryotropha affinis</i> (Haworth)	VC41 6(vii-viii, 1993, Malaise)
0782	<i>B. senectella</i> (Zeller)	VC41 6(vii)
0787	<i>B. terrella</i> ([Denis & Schiffermüller])	VC41 6(vii)
0812	<i>Scrobipalpa instabilella</i> (Douglas)	VC41 4(vii)
0819	<i>S. costella</i> (Humphreys & Westwood)	VC35 2(viii), VC41 6(vii-viii, 1993, Malaise), 8(vii, m.v.)
0855	<i>Acompsia cinerella</i> (Clerck)	VC41 6(vii, m.v.)
0858	<i>Hypatima rhomboidella</i> (Linnaeus)	VC41 13(vii), VC42 2(ix)
0859	<i>Psoricoptera gibbosella</i> (Zeller)	VC41 13(vii, m.v.)
0868	<i>Brachmia rufescens</i> Haworth)	VC41 6(vii, m.v.), 13(vii, m.v.)

Blastobasidae

0873	<i>Blastobasis lignea</i> Walsingham	VC41 13(vii, m.v.)
0874	<i>B. decolorella</i> (Wollaston)	VC41 3(vii), 4(ix)

Batrachedridae

- 0878 *Batrachedra praeangusta* (Haworth) VC42 3(viii)

Momphidae

- 0886 *Mompha ochraceella* (Curtis) VC41 6(vii, m.v.)
 0893 *M. epilobiella* ([Denis & Schiffermüller]) VC35 4(x)

Cosmopterigidae

- 0898 *Limnaecia phragmitella* Stainton VC41 8(vii, m.v.),
 13(vii, m.v.)
 0904 *Spuleria flavicaput* (Haworth) VC41 6(vii, m.v.),
 13(vii, m.v.)

Tortricidae

- 0926 *Phalonidia manniana*
 (Fischer von Rösslerstamm) VC41 6(vii)
 0959 *Cochylidia rupicola* (Curtis) VC41 6(vii)
 0937 *Agapeta hamana* (Linnaeus) VC41 6(vii, m.v.), 8(vii, m.v.)
0949 *Aethes dilucidana* (Stephens) **VC41 4(vii)**
 0964 *Cochylis dubitana* (Hübner) VC41 4(vii)
 0970 *Pandemis cerasana* (Hübner) VC41 6(vii)
 0972 *P. heparana* ([Denis & Schiffermüller]) VC41 6(vii, m.v.),
 8(vii, m.v.), 13(vii, m.v.)
 0977 *Archips podana* (Scopoli) VC41 6(vii)
 0994 *Clepsis consimilana* (Hübner) VC41 8(vii, m.v.)
 0993 *C. spectrana* (Treitschke) VC41 6(vii, m.v.),
 13(vii, m.v.)
 0998 *Epiphyas postvittana* (Walker) VC41 6(x, m.v.), 12(x)
 1000 *Ptycholoma lecheana* (Linnaeus) VC41 10(vii)
 1010 *Ditula angustiorana* (Haworth) VC41 8(vii, m.v.)
 1011 *Pseudargyrotoza conwagana* (Fabricius) VC35 6(vi),
 VC41 6(vii, m.v.), 10(vi)
 1016 *Cnephasia longana* (Haworth) VC41 6(vii)
 1018 *C. communana* (Herrich-Schäffer) VC42 4(v)
 1020 *C. stephensiana* (Doubleday) VC41 6(vii, m.v.),
 8(vii, m.v.), 13(vii, m.v.)
 1021 *C. interjectana* (Haworth) VC41 6(vii, m.v.),
 8(vi), 13(vii)
 1022 *C. pasiunana* (Hübner) VC41 6(vii, m.v.)
 1033 *Tortrix viridana* (Linnaeus) VC41 10(vi), 11(vi)
 1036 *Acleris forsskalleana* (Linnaeus) VC41 8(vii, m.v.),
 13(vii, m.v.)
 1038 *A. laterana* (Fabricius) VC41 3(vii)
 1043 *A. aspersana* (Hübner) VC41 4(vii), 6(vii), 7(vii)
 1053 *A. hastiana* (Linnaeus) VC41 6(x)
 1062 *A. emargana* (Fabricius) VC42 1(viii)
 1067 *Celypha cespitana* (Hübner) VC41 6(vii)
 1076 *Olethreutes lacunana*
 ([Denis & Schiffermüller]) VC35 3(vi), 4(viii),
 VC41 3(vii), 6(vii), 8(vi),
 10(vi), 11(vi)
 1082 *Hedya pruniana* (Hübner) VC41 6(vii, m.v.)

1092	<i>Apotomis turbidana</i> (Hübner)	VC41 10(vi)
1098	<i>Endothenia oblongana</i> (Haworth)	VC41 6(vii)
1108	<i>Lobesia abscisana</i> (Doubleday)	VC41 13(vii, m.v.)
1111	<i>Bactra lancealana</i> (Hübner)	VC35 3(vi), 4(viii), VC41 3(vii), 8(vii)
1113	<i>Eudemis profundana</i> ([Denis & Schiffermüller])	VC41 6(vii, m.v.), 13(vii, m.v.)
1126	<i>Ancylis badiana</i> ([Denis & Schiffermüller])	VC41 4(vii), 6(vii), 13(vii)
1134	<i>Epinotia ramella</i> (Linnaeus)	VC42 2(viii), 3(viii)
1139	<i>E. tenerana</i> ([Denis & Schiffermüller])	VC41 6(vii), VC42 1(viii), 2(viii)
1147	<i>E. cruciana</i> (Linnaeus)	VC41 6(vii), 9(vii)
1154	<i>E. caprana</i> (Fabricius)	VC41 6(vii-viii, 1993, Malaise)
1155	<i>E. brunnichana</i> (Linnaeus)	VC41 13(vii, m.v.)
1169	<i>Gypsonoma dealbana</i> (Frölich)	VC41 6(vii, m.v.), 13(vii, m.v.)
1175	<i>Epiblema uddmanniana</i> (Linnaeus)	VC41 6(vii)
1178	<i>E. roborana</i> ([Denis & Schiffermüller])	VC41 6(vii, m.v.)
1183	<i>E. foenella</i> (Linnaeus)	VC41 6(vii, m.v.), 8(vii, m.v.)
1184	<i>E. scutulana</i> ([Denis & Schiffermüller])	VC41 5(vi)
1187	<i>E. costipunctana</i> (Haworth)	VC41 8(vi)
1193	<i>Eucosma tripoliana</i> (Barrett)	VC41 4(vii)
1197	<i>E. campoliliana</i> ([Denis & Schiffermüller])	VC41 8(vii, m.v.)
1200	<i>E. hohenwartiana</i> ([Denis & Schiffermüller])	VC41 6(vii, m.v.)
1201	<i>E. cana</i> (Haworth)	VC41 6(vii, m.v.)
1202	<i>E. obumbratana</i> (Lienig & Zeller)	VC41 4(vii)
1205	<i>Spilonota ocellana</i> ([Denis & Schiffermüller])	VC41 13(vii, m.v.)
1219	<i>Lathronympha strigana</i> (Fabricius)	VC41 6(vii)
1241	<i>Cydia compositella</i> (Fabricius)	VC41 3(vii), 4(vii), 6(vii)
1257	<i>C. nigricana</i> (Fabricius)	VC41 10(vi)
1260	<i>C. splendana</i> (Hübner)	VC41 8(vii, m.v.), 13(vii, m.v.)
1272	<i>C. aurana</i> (Fabricius)	VC41 4(vi), 13(vii, m.v.)
1273	<i>Dichrorampha petiverella</i> (Linnaeus)	VC41 8(vi)
1281	<i>D. simpliciana</i> (Haworth)	VC41 6(vii, m.v.)

Alucitidae

1288	<i>Alucita hexadactyla</i> (Linnaeus)	VC41 13(vii, m.v.)
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Pyralidae

1290	<i>Chilo phragmitella</i> (Hübner)	VC41 6(vii)
1293	<i>Chrysoteuchia culmella</i> (Linnaeus)	VC35 1(vi), VC41 3(vii), 4(vii), 6(vii), 8(vii, m.v.), 11(vi), 13(vii, m.v.)
1294	<i>Crambus pascuella</i> (Linnaeus)	VC41 3(vii)
1301	<i>C. lathoniellus</i> (Zincken)	VC41 6(vii)
1302	<i>C. perlella</i> (Scopoli)	VC41 3(vii), 4(vii), 6(vii), 13(vii, m.v.)
1303	<i>Agriphila selasella</i> (Hübner)	VC41 4(vii)

1304	<i>A. straminella</i> ([Denis & Schiffermüller])	VC41 2(vii), 3(vii), 4(vii), 6(vii), 8(vii, m.v.), 9(vii), 13(vii, m.v.), VC42 3(viii)
1305	<i>A. tristella</i> ([Denis & Schiffermüller])	VC41 4(vii), 8(vii, m.v.), 13(vii, m.v.)
1309	<i>A. geniculea</i> (Haworth)	VC35 1(viii)
1311	<i>Acentria ephemerella</i> ([Denis & Schiffermüller])	VC41 8(vii, m.v.), 13(vii, m.v.)
1334	<i>Scoparia ambigualis</i> (Trietschke)	VC35 3(vi)
1338	<i>Dipleurina lacustrata</i> (Panzer)	VC35 2(viii), VC41 13(vii, m.v.)
1336	<i>Eudonia pallida</i> (Curtis)	VC41 6(viii)
1341	<i>E. lineola</i> (Curtis)	VC41 6vii, m.v.)
1342	<i>E. angustea</i> (Curtis)	VC35 4, VC41 4(ix, m.v.)
1344	<i>E. mercurella</i> (Linnaeus)	VC41 6(vii, m.v.), 13(vii, m.v.)
1348	<i>Parapoynx stratiotata</i> (Linnaeus)	VC41 6(vii, m.v.), 8(vii, m.v.)
1350	<i>P. stagnata</i> (Donovan)	VC41 3(vii), 6(vii, m.v.)
1354	<i>Cataclysta lemnata</i> (Linnaeus)	VC35 4(viii), VC41 6(x, m.v.)
1358	<i>Evergestis pallidata</i> (Hufnagel)	VC41 6(vii, m.v.)
1361	<i>Pyrausta aurata</i> (Scopoli)	VC41 6(vii)
1365	<i>P. cespitalis</i> ([Denis & Schiffermüller])	VC41 4(vii), 6(vii), 7(vii)
1376	<i>Eurrhynx hortulata</i> (Linnaeus)	VC41 6(vii, m.v.)
1388	<i>Udea lutealis</i> (Hübner)	VC41 13(vii)
1398	<i>Nomophila noctuella</i> ([Denis & Schiffermüller])	VC41 6(ix), 9(ix), 12(x), VC42 5(ix)
1405	<i>Pleuroptya ruralis</i> (Scopoli)	VC41 8(vii, m.v.), 13(vii, m.v.)
1413	<i>Hypsopygia costalis</i> (Fabricius)	VC41 8(vii, m.v.), 13(vii, m.v.)
1424	<i>Endotricha flammealis</i> ([Denis & Schiffermüller])	VC41 13(vii, m.v.)
1438	<i>Eurhodope suavella</i> (Zincken)	VC41 13(vii, m.v.)
1452	<i>Phycita roborella</i> ([Denis & Schiffermüller])	VC41 13(vii, m.v.)
1470	<i>Euzophera pinguis</i> (Haworth)	VC41 8(vii, m.v.), 13(vii, m.v.)

Pterophoridae

1495	<i>Marasmarcha lunaedactyla</i> (Haworth)	VC41 6(vii, m.v.), 9(vii)
1504	<i>Platyptilia pallidactyla</i> (Haworth)	VC41 13(vii)
1509	<i>Stenoptilia pterodactyla</i> (Linnaeus)	VC41 6(vii, m.v.)
1513	<i>Pterophorus pentadactyla</i> (Linnaeus)	VC41 13(vii, m.v.)
1524	<i>Emmelina monodactyla</i> (Linnaeus)	VC41 3(xi), 6(vi-vii,, Malaise, 1993)

Acknowledgements

I would like to thank the National Museum of Wales and Dr Mike Wilson for making funds available for the field work and the Gwent and Brecknock

Wildlife Trusts and their conservation officers who gave us permission to visit their sites. Permission for SSSI was kindly granted by Countryside Council for Wales. My thanks to David Agassiz for confirming some of my identifications and adding some of his own, and to Col. Maitland Emmet for information and invaluable advice. And finally, to Darren Mann for his company and expertise during the collecting trips.

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The Pale Shoulder *Acontia lucida* Hufn. (Noctuidae) and the Small Eggar *Eriogaster lanestris* L. (Lasiocampidae) in Hampshire

I was delighted to find a larval web of the Small Eggar *Eriogaster lanestris* on blackthorn *Prunus spinosa* on the Hampshire/ Dorset border, in VC 11, on 8 July 1996 in an area where the species was rediscovered in 1993 (B. Goater, *pers. comm.*). A few weeks later, on 19 August 1996, a fine specimen of the uncommon immigrant Pale Shoulder *Acontia lucida* was taken at m.v. light by Andrew Page at his home in Linford, also in Hampshire. This is the first record of this species for Hampshire and only the fifth British example for the present century.– R. COOK, 11 Greensome Drive, Ferndown, Dorset BH22 8BE.